



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 10/032,051 Confirmation No. 6186  
First Named Inventor : Grubb  
Filing Date : December 21, 2001  
Art Unit : 3663  
Examiner : Nelson Moskowitz  
Docket Number : 980721CIPCIP  
Customer Number : 21398

**RECEIVED**  
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**GROUP 3600**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

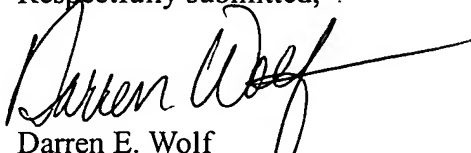
Applicants, in accordance with the duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advises the United States Patent and Trademark Office of the references listed on the accompanying form PTO 1449 "Information Disclosure Statement by Applicant". The references listed include documents associated with related international patent applications. A copy of the references cited herein is included.

Applicant notes that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97, the filing of this Information Disclosure Statement "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b)."

The Commissioner is hereby authorized to charge the fee set forth in § 1.17(p), and to charge any additional fees due with this submission and to credit any overpayments, to deposit account number 500477, in the name of Corvis Corporation. A duplicate copy of this paper is enclosed.

03/12/2004 BABRAHA1 00000102 500477 10032051  
01 FC:1806 180.00 DA

Respectfully submitted,

  
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March 9, 2004

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| U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | Atty. Docket No.:<br>980721CIPCIP | Serial No.:<br>10/032,051 |
|   | Applicant:<br>Grubb               |                           |
|   | Filing Date: December 21, 2001    | Group: 3600               |

## U. S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | DOCUMENT NUMBER | ISSUE DATE    | PATENTEE         | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----------------|---------------|------------------|-------|-----------|-------------|
|                     | 5,574,589       | Nov. 12, 1996 | Feuer, et al.    |       |           |             |
|                     | 5,754,320       | May 19, 1998  | Watanabe, et al. |       |           |             |
|                     |                 |               |                  |       |           |             |
|                     |                 |               |                  |       |           |             |
|                     |                 |               |                  |       |           |             |
|                     |                 |               |                  |       |           |             |
|                     |                 |               |                  |       |           |             |

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

| EXAMINER'S INITIALS | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUB-CLASS | TRANSL.<br>Y N |
|---------------------|-----------------|------------------|--------------------------|-------|-----------|----------------|
|                     |                 |                  |                          |       |           |                |

## OTHER DOCUMENTS

(Including Author, Title, Date, Relevant Pages, Place of Publication)

|                     |  |  |
|---------------------|--|--|
| EXAMINER'S INITIALS |  | International Preliminary Examination Report for PCT/US00/04286  |
|                     |  | Written Opinion for PCT/US00/04286   |
|                     |  | International Search Report for PCT/US00/04286   |
|                     |  | Supplementary European Search Report for EP 00 91 7647   |
|                     |  | Kidorf, Howard, et al., PUMP INTERACTIONS IN A 100-NM BANDWIDTH RAMAN AMPLIFIER, IEEE Photonics Technology Letters, vol. 11, no. 5, 1 May 1999, pp. 530-532. |
|                     |  | International Search Report for PCT/US99/16487   |
|                     |  | International Search Report for PCT/US99/16486   |
|                     |  |  |
| EXAMINER            |  | DATE CONSIDERED  |

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.